

Uberreiter, K. and Neng, S.
SPECIFIC HEAT, SPECIFIC VOLUME, TEMPERA-
TURE AND HEAT CONDUCTIVITY OF HIGHPOLY-
MERS. I. DISTYRENE AND HIGHPOLYMER
STYRENE. [1963] 11p (figs tables refs omitted)
Order from SLA \$1.60 TT-63-20536

Trans. of Kolloid-Zeitschrift [und Zeitschrift für
Polymere] (West Germany) 1951, v. 123, p. 92-[99].
(Abstract available)

DESCRIPTORS: *Styrenes, Styrene plastics,
*Thermochemistry, Specific heat, Thermal con-
ductivity, Density, Polymers,

The specific heat, the temperature conductivity and the
specific volume of distyrene and a polystyrene with the
polymerization-degree of 33 have been measured in the
freezing range and the heatconductivity was calculated.
The curve of the specific heat shows the known jump in
(Chemistry--Physical, TT, v. 11, no. 4) (over)

TT-63-20536

- I. Title: Distyrene
- I. Uberreiter, K.
- II. Neng, S.
- III. Title: Distyrene...

63-00076

Office of Technical Services

Überreiter, K. and Orthmann, H.-J.
DEGREE OF COORDINATION OF SOLID POLY-
ETHYLENES. Pt. III of [Study] on Polyethylenes. [1963]
35p (figs omitted) 32refs
Order from SLA \$3.60

TT-63-18987

Trans. of Kolloid-Zeitschrift [und Zeitschrift für
Polymere] (West Germany) 1952, v. 128, no. 3,
p. 125-136. (Abstract available)

DESCRIPTORS: *Polyethylene plastics, *Complex com-
pounds, Molecular structure, Crystal structure,
Pyrolysis,

Topics included: degree of coordination of unbranched
paraffins; degree of coordination of branched poly-
ethylenes; thermal degradation of side groups; degree
of coordination of thermally debranched polyethylenes;
melting-point dependence of degree of coordination; and
side-group dependence of melting point. (See also
TT-63-18981)

(Materials--Plastics, TT, v. 11, no. 1)

TT-63-18987

I. Überreiter, K.
II. Orthmann, H.-J.
III. Title: Study...

Office of Technical Services

62-18946

Überreiter, K. and Sorge, G.

TWO COLORIMETRIC METHODS. Pt. 1 of Quantitative
Determination of Organic Peroxides. [1962] 10p. 9 refs.
Order from SLA \$1.10 62-18946

Trans. of Angew[andte] Chem[ie] (West Germany) 1956,
v. 68, p. 352-354.

DESCRIPTORS: Organic compounds, *Peroxides,
Quantitative analysis, *Colorimetry, Organic solvents,
Acetic acids, Benzenes, Chemical indicators, *Meth-
ylene blue, Amines.

Two new colorimetric methods for the quantitative
determination of organic peroxides are described. Both
of them operate in organic solvents and in the homo-
geneous phase. For determinations in glacial acetic
acid, the indamine method, and for determinations in
benzene, the methylene-blue method is recommended.
(Chemistry--Analytical, TT, v. 10, no. 1) (over)

- I. Title: Indamines
- I. Überreiter, K.
- II. Sorge, G.
- III. Title: Quantitative ...

Office of Technical Services

The Measurement of the Melting Point or of the
Flow Temperature of Polymers with a Melting Point
Autograph, by K. Uberreiter, H. J. Orthmann, 16 p.

GERMAN, per, Kunststoffe, 1958, Vol XLVIII, No 11,
pp 525-530.

SIA 59-20289

Sci
Feb 60
Vol 2, No 12

108,255

Überschlag.
STATISTICAL DATA ON TOBACCOISM IN FRANCE.
[1962] Sp.
Order from K-H \$6.25 K-H 5525 e
Trans. of Annales Medico-Psychologiques (France)
1956, v. 114, May, p. 830-834.
DESCRIPTORS: Cigarettes, Smokes, *Tobacco,
*Poisoning, France.

62-22816

- I. Title: Tobaccoism
- I. Überschlag
- II. K-H-5525-e
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

AC09875

(Biological Sciences--Pathology, TT, v. 9, no. 1)

Office of Technical Services

The Control of the Fast Breeder Rapsodie, by 130
J. Uberschlag, A. Chapelot, et al.
FRENCH, per, Onde Electriques, No 448-449, 1964
PP 1-14. P911027267
AEC EURFR-102F

J. Uberschlag

Sci/Nuclear Sci
Mar 67

318,561

Temperature Measurements on Carbon Microphones,
by g. Kretschmer A. Überschuss.
GERMAN, per, Elektrische Nachrichten Technik
Vol XIII, 1936, pp 162-163.
SLA TT 61-10087

A. Überschuss

Jun 67

327,240

Electromagnetic Circuit Breakers for Flameproof
Mining Switchgear, by A.M. Ubiiko.

RUSSIAN, per, Elektrotehnika, No. 1, 1964

pp 51-53

NLL/8313. 4 1964 (5056)

A.M. Ubiiko

Sci -
Aug 67

336-152

Continuous and Semi-Continuous Transport at the
Cockerill-Ougree Works, by Ubin. UNCLASSIFIED

FRENCH, rpt, papers presented at the International
Transport Conference, London, Sep 1957.

Co-op Tr Scheme
Tr 835
(16.0.0)

WEur - Belgium
Econ
Apr 58

62,618

Physical Foundations for the Evaporation of
Plants and Animals, by W. Van Wijk, D.
Scholte Ubing.

SWEDISH, per, Vekblad Voor Biologen,
Vol XXXVII, No 12, 1957, pp 193-201.

CSIRO 4174

Sci - Biol
Jun 62

199, 345

(PDD 11994)

Soviet Bloc International Railroad Agreements,
by Herbert Meissner, Joseph Ublaender: 7 pp.

GERMAN, mo per, Der Verkehr, Vol XII, Berlin,
GDR, Dec 1951.

CIA/PDD/U-6465

USSR

EEur - GDR

Economic - Transportation

17,856

(NY-5037).

It is Absurd to Close One's Eyes to the China of Mao
Tse-Tung, by Raffaello Uboldi, 10 pp.

ITALIAN, per, Avanti, 10 Sep 1960, pp 1, 2.

JPRS 7402

WEur - Italy

Pol

25 Jan 61

138,019

(NY-5037).

The Friction Between Technicians and Workers is to
the Advantage of the ~~the~~ Bureaucratic Politicians,
by Raffaello Uboldi, 10 pp.

ITALIAN, per, Avanti, 6 Sep 1960, p 3.

JPRS 7402

WEur - Italy
Econ, Pol
25 Jan 61

138,018

(NY-5037).

Minorities of Overseas Chinese Are Attracted to the
Mother Country, by Raffaello Ubaldi, ~~6 pages~~ 11 pp.

ITALIAN, per, Avanti, 2 Sep 1960, p 3.

JPRS 7402

WHR - Italy
Pol
25 Jan 61

138,017

(NY-5037).

At Pengzhou Young Men Twice Stopped Us From Taking
Photographs, by Raffaello Uboldi, 6 pp.

ITALIAN, per, Avanti, 27 Aug 1960, p 3.

JPRS 7402

MEMO - Italy

Pol

25 Jan 61

138,016

(NY-5037).

Too Costly a Future?, by Raffaello ~~U~~boldi, 9 pp.

ITALIAN, per, Avanti, 24 Jul 1960, p 3.

JPRS 7402

WEur - Italy

Econ

25 Jan 61

138,026

(NY-5037).

Vice President Kuo Mo-jo's Doubts on the
Relaxation of Tension, by Raffaello Uboldi, 11 pp.

ITALIAN, per, Avanti, 31 Jul 1960, p 3.

JPRS 7402

WEur - Italy

Pol

25 Jan 61

138,027

(NY-5037).

The Director of the Farm Commune is a "General"
in the People's Militia, by Raffaello Uboldi, 8 pp.

ITALIAN, per, Avanti, 13 Aug 1960, p 3.

JPRS 7402

WEur - Italy
Pol
25 Jan 61

138,023

(NY-5037).

Mr. Tung Controls the Lives of 500 Million Chinese
Peasants, by Raffaello Uboldi, 8 pp.

ITALIAN, per, Avanti, 11 Aug 1960, p 3.

JPRS 7402

WEur - Italy

Pol

25 Jan 61

138,022

(NY-5037).

A First-Class Funeral for Non-Communist Parties,
by Raffaello Uboldi, 11 pp.

ITALIAN, par, Avanti, 5 Aug 1960, p 3.

JPRS 7402

WEur - Italy
Pol
25 Jan 61

138,021

(NY-5037).

Five Obstacles on the Journalist's Road in the Land
of Mao, by Raffaello Uboldi, 9 pp.

ITALIAN, per, Avanti, 4 Aug 1960, p 3.

JPRS 7402

WEur - Italy

Pol

25 Jan 61

138,120

(DC-5315)

Eighty Years of the Plant Protection Research
Institute, by Gabor Ubrizsy, 8 pp.

HUNGARIAN, per, Magyar Tudomány, Vol V, No 12,
1960, pp 737-742.

JPRS 6880

Sci - Biol

Mar 61

144, 0214

Character of distribution of alkalis in the pegmatitic
microclines of the Eastern Sayan Mountains.

By A. A. Shimanskii and Yu. M. Uchakin. pp. 5

RUSSIAN, per, Geokhim, No 9, 1962.

Geochem Soc

340, 490

Sci

Aug 63

Contents of rare alkalis in feldspars from pegmatites
of the Sayan Mountains.

By Yu. M. Uchakin, A. A. Shimanskiy. pp. 10

RUSSIAN, per, Geokhim, No 8, 1962.

Geochem Soc

340,536

Sci

Aug 63

New Data on the Relative Intensities of the γ -Lines
of ReC in Equilibrium With Its Decay Products, by
B. S. Dzhelepov, N. N. Zhukovskiy, I. F. Ushenatkin,
S. A. Shestopalova, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol. XXII,
No 7, 1958, pp 841-847.

Columbia Tech

Sci - Phys

Oct 59

99,344

TT-65-26448

Field 7C

Uchenko, I. K.
 ONDERZOEK OP HET GEBIED DER CHEMIE VAN DE
 CYANINEKLEURSTOFFEN, X. 3,3'-DICYCLOHEXYLTHIA-
 CYANINEN (Issledovaniya v Oblasti Khimii TsyaniNovykh
 Krasitelei, X. 3,3'-Ditsiklogeksitiyatsianiny). Tr. by
 A. Nelen, 12p. CBT-III-65.
 Order from CBT as CBT-III-65

Trans. in Dutch of Ukrainskii Khimicheskii Zhurnal (USSR)
 v21 n6 p738-43 1955.

I. Centre Belge de Traductions
 Brussels (Belgium)

European Translations Centre

(NY-5586)

Prospects for the Utilization of Natural Resources
in Lackay Province and the Responsibility for
Scientific Research, by N. A. Uchenkov, 19 pp.

VIETNAMESE, per, Tin Tuc Hoat Dong Khoa Hoc, Ho 11,
1960, pp 9-17.

JPRS 7441

Sci - Geophys

Feb 61

140,972

V. S. Uchenkov

Advances in Forest Mensuration, by V. A. Ovanesova,
V. S. Uchenkov, 124 pp.

RUSSIAN, bk, Novos v Lesnoi Tekhnologii, No 48, 1964.
NTIS TT 71-50094

Apr 72

Conversion electron spectrum of neutron-deficient
lutetium isotopes in the 1000 to 3500 Kev Region,
by B. S. Dzhelepov, I. F. Uchevatkin, S. A.
Shestopalova, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIV,
No 7, 1960, pp 802-806.

CTT

168,928

Sci

Sep 61

Gamma-Ray Spectrum of Sb^{124} , by B. S. Dzhelepov,
N. N. Zhukovskiy, V. G. Medvedev, I. F.
Uchevatkin, V. G. Chumin, 7 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,
No 8, 1956, pp 925-932.

Columbia Tech

Sci - Phys

53,273

Sep 57

The Amount and Intensity of Precipitation
From Convective Clouds, by Yu. A. Barukova,
I. I. Kernaldina, T. S. Uchevatkina, 15 pp.

RUSSIAN, per, Trudy Glavnoy Geofiz Observ,
No 104, 1960, pp 14-24. 9672000

FTD MCL-1340/1

Sci - Geophys

176, 127

14 Dec 61

Gas Chromatography of Phenol, by A. Uchida,
S. Matsuda,
JAPANESE, per, J. Chem. Soc. Japan, Vol 45,
No 4, 1962, pp 574-477.
BISI 4641

78

A. Uchida

Sci-M&M
Jul 66

306,465

Uchida, H.
ÉTUDE SUR LE FER CARBONYLE ET LE NICKEL
CARBONYLE. IV. DÉCOMPOSITION THERMIQUE DU
NICKEL CARBONYLE (Iron and Nickel Carbonyls. IV.
Thermal Decomposition of Nickel Carbonyl). 18p.
(foreign text included) CNRS-VIII bis 330.
Order from OTS, ETC or CNRS \$1.60 TT-62-28171

Trans. in French of Tokyo Kogyo Shikensho Hokoku
(Japan) 1950, v.45, no.1, p.20-25.

DESCRIPTORS: Nickel compounds, *Carbonyl radicals,
Iron compounds, *Nickel, *Iron, Decomposition,
Heat, Chemical properties.

(Chemistry--Inorganic, TT, v. 11, no. 9)

TT-62-28171

I. Uchida, H.
II. CNRS-VIII bis 330
III. Centre National de la Recherche
Scientifique, Paris

Office of Technical Services
European Translations Centre

Studies on the Catalysts for Ammonia Synthesis.
Part 12. Effect of Quenching and Annealing in the
Manufacture of Catalysts on Catalytic Activity and the
Potash Distribution, by H. Uchida, N. Todo.

JAPANESE, per, Repts Gov Ind Research Inst Tokyo,
Vol LI, No 11, 1956, pp 406-414.

ATS JJ-1698

Sci - Chem

Jul 59

90,864

Studies on the Catalysts for Ammonia Synthesis.
Part 11. Activated Adsorption of Nitrogen, Hydrogen
and Carbon Monoxide on Catalysts with Added Al_2O_3 ,
with Added Al_2O_3 and K_2O , and with Added Al_2O_3 ,
 SiO_2 and K_2O , by H. Uchida, M. Kurita.

JAPANESE, per, Repts Gov Ind Research Inst Tokyo,
Vol LI, No 11, 1956, pp 397-405.

ATS JJ-1697

Sci - Chem

Jul 59

90,865-

Reaction Rate of Ammonia Synthesis. Dependence
Upon Reaction Pressure and Hydrogen-Nitrogen Ratio,
by H. Uchida, M. Kuraishi.

JAPANESE, per, Repts Gov Ind Research Inst Tokyo,
Vol L2, No 6, 1955, pp 185-195.

ATS JJ-1699

Sci - Chem

Jul 59

90,866

Investigation of Catalysts for Synthesis
of Ammonia. VI. Repts Govt, by K. Ogawa,
H. Uchiida, 14 pp.

JAPANESE, per, Chem Ind Research Inst, Tokyo,
Vol XLVI, 1951, pp 114-124. (loan copy only)

SLA 57-2675

ATS JJ-999

Sci
Aug 58

70,789

Effect of the Addition of Lime, Magnesia, and
so on, on the Catalytic Activity, by H. Uchida,
III, 12 pp.

JAPANESE, per, Repts Govt Chem Ind Research
Inst, Tokyo, Vol XLVI, 1951, pp 1-10.

SIA 57-2671

ATS JJ-996

Sci

Aug 58

IUC/CIF/XX-476

70,360

Catalyst for the Conversion of Carbon MonoxideI,
by H. Uchida, 5 pp.

JAPANESE, per, J. Chem Soc Japan, Ind Chem
Sect, Vol LIV, 1951, pp 750-752.

SLA 51-2673

ATS-59E1J

Sci
Aug 58

ATS JJ-1000

70,358

Changes in the Catalytic Activity of Mixed
Powders of Iron Oxide and Alumina with Sintering,
by H. Uchida, 17 pp.

JAPANESE, per, Repts Govt Chem Ind Research
Inst, Tokyo, Vol XLV, 1950, pp 355-368.

SLA 57-2694
ATSTW JJ-995

Sci
Aug 58

IUC/CIA/XX-473

70,361

70,361

Catalyst for the Conversion of Carbon Monoxide.
III, by H. Uchida, 5 pp.

JAPANESE, per, J Chem Soc Japan, Ind Chem Sect,
Vol LV, 1952, pp 521-522.

SIA 57-2683

Sci
Aug 58

ATS-60 E1J

ATS JJ-1001

70,359

Investigations of Catalysts for Synthesis of
Ammonia, by T. Sato and H. Uchida, 14 pp.

JAPANESE, per, V Repts Govt Chem Research
Inst Tokyo, Vol XLVI, 1951, pp 103-113.

~~SECRET~~
SLA 57-2662

Sci

Jul 58

Assoc To S. Dr
TR-53978 68,477
TR 61515

(364)

The Relation Between the Compounding of Materials
and the Losses of Alumina and Sodium Oxide in the
Sodium-Oxide-Lime Method and Related Problems, by
K. Uchida, S. Chikabe, 6 pp.

JAPANESE, per, J. Soc Chem Ind Japan, Vol XLVI, #1
1943, pp 1163-1165.

ATB-95H10J

Sci

Aug 50

95, 363

Studies on the Eggs, Larvae, and Juvenile of
Japanese Fishes, Series I, by Keitaro Uchida.

JAPANESE.

Dept of Interior
SH211 E82 No 360

193, 775

Sci - Biol

Apr 62

60-18902

Uchida, M. and Nagao, H.
INFLUENCE OF SUPPRESSOR ON THE EMULSION
POLYMERIZATION OF ACRYLONITRILE. Pt. 21 of
Studies on the Polymerization of Acrylonitrile. [1960]
22p. (13 figs. omitted) 10 refs.
Order from SLA mi\$2.70, ph\$4.80 60-18902

Trans. of Kogyo Kagaku Zasshi (Japan) 1957, v. 60
[no. 6] p. 768-773.

The influence of phenolic and nitro compounds in sup-
pressing the oxidation-reduction emulsion polymeri-
zation of acrylonitrile was studied. Potassium persul-
fate and sodium bisulfite were used as oxidation-
reduction reagents, and sodium lauryl sulfate was
used as emulsifier. The rate and degree of polymeri-
zation were lowered by adding phenols. Their sup-
pressing action increased in the order: resorcinol,
phenol, hydroquinones, pyrogallol. Pyrogallol pre-
vented polymerization even in the presence of catalyst.
The apparent chain transfer constants for polymeriza-
(Chemistry--Organic, TT, v. 5, no. 6) (over)

1. Vinyl cyanide--
Polymerization
 2. Polymerization--Inhibition
 3. Phenols--Chemical effects
 4. Nitro compounds (Organic)--
Chemical effects
 5. Title: Emulsion
polymerization
- I. Uchida, M.
 - II. Nagao, H.
 - III. Title: Studies...

Office of Technical Services

Effects of Added Reagents on the Aqueous Polymeri-
zation of Acrylonitrile. Study With An Electron
Microscope, by H. Nagao, M. Uchida.

JAPANESE, per, J Chem Soc Japan, Ind Chem Sect,
Vol LXI, No 4, 1958, pp 466-469.

Assoc Tech Serv JJ-1464
" " " 59K24J

Sci - Chem

Apr 59

85,599

Report No 6. Etiologic Agents of Minamata
Disease, by M. Uchida, T. Iomue, K. Hirakawa,
4 pp.

JAPANESE, rpt, 20 Aug 1959, pp 9-11.

NIH 11-42

Sci - Medicine
Dec 59

102,657

Urecanicase, by Makio Uchida, Shigenobu Itagaki,
Tautomu Wachi, 8 pp.

Full translation.

JAPANESE, per, Koso Kagaku Shippojium, Vol. VII,
1952, pp 86-88.

CIA/FDD/X-346

FE - Japan

Scientific - Medicine, biochemistry

Jun 53 CTS

2810

Adsorption of Monomer in the Polymerization of
Acrylonitrile, by Hideo Nagao, Moriya Uchida, Teruo
Yamaguchi, 12 pp.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol LIX, No 6,
1956, pp 695-698.

SLA 59-15275

Sci - Chemistry
Nov 59

103,283

Thermal Decomposition of Polyacrylonitrile
(Production of Hydrocyanic Acid), by Hideo
Hagao, Moriya Uchida, Koyu Yamaguchi,
8 pp.

JAPANESE, per, Kogyo Kagaku Zasshi,
Vol XLIX, No 6, 1956, pp 698-700.

SLA 60-18460

Sci
Vol IV, No 11
Jun 62

199, 248

Adsorption of ~~SA~~ Monomer in the Polymerization of
Acrylonitrile, by Hideo Nagao, Moriya Uchida,
Teruo Yamaguchi, 12 pp.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol. LIX, No 6,
1956, pp 695-698.

59-
SLA 15275

Sci - Chem
Dec 59
Vol 2, No 4

102,755

Studies on saline water conversion by
the freezing method. 2. Analysis of continuous
counter-current washing of ice crystals by
simulator, by R. Uchida, et al.
JAPANESE, per, Tokyo Kogyo shikensho hokoku,
Vol 59, 1964, No 1, pp 31-37
RLL 5833.4F (11970)

R. Uchida

323,889

Sci - Analytical Chem
App 67

Uchida, S.
CRYSTAL-OPTIC PROPERTIES OF AMMONIUM
IMIDOSULFONATE AND AMMONIUM AMIDOSUL-
FONATE. Pt. 1. on Properties of the Products of
Anhydrous Reactions Between Ammonia and Sulfur
Trioxide and their Derivatives. [1961] 10p.
Order from ATS \$13. 40 ATS-07N58J

Trans. of [Nihon Kagaku Zasshi] (Japan) 1942,
v. 63, no. 5, p. 504-509.

DESCRIPTORS: *Crystal structure, *Ammonium
compounds, *Sulfonates, Imides, Amides, Optics,
Ammonia, Sulfur compounds, Oxides.

ATS-JJ-2172

(Chemistry--Physical, TT, v. 7, no. 9)

62-12566

I. Uchida, S.
II. Title: Properties. . .
III. ATS-07N58J
IV. Associated Technical
Services, Inc., East
Orange, N. J.

207871

Office of Technical Services

61-25337

Uchida, S. and Ito, Y.
A METHOD FOR THE ANALYSIS OF REACTION
PRODUCTS FROM AMMONIA AND SULFUR TRI-
OXIDE. Pt. 2 of Study of the Anhydrous Reaction Be-
tween Ammonia and Sulfur Trioxide. [1961] 7p.
Order from ATS \$10.00 ATS-41N54J

Trans. of Kogyo Kagaku Zasshi (Japan) 1951, v. 54,
no. 4, p. 256-258.

DESCRIPTORS: *Sulfur compounds, *Ammonia,
Chemical reactions, *Oxides.

ATC-JJ-3163

(Chemistry--Physical, TT, v. 7, no. 3)

I. Uchida, S.
II. Ito, Y.
III. Title: Study ...
IV. ATS-41N54J
V. Associated Technical
Services, Inc., East
Orange, N. J.

107425

Office of Technical Services

61-25452	
Uchida, S. and Ito, Y. A NEW METHOD OF SYNTHESIS OF SULFAMIC ACID. Pt. 1 of Study of the Anhydrous Reaction Be- tween Ammonia and Sulfur Trioxide. [1961] 6p. Order from ATS \$9.00 ATS-40N54J Tians. of Kogyo Kagaku Zasshi (Japan) 1950, v. 53, no. 10, p. 423-425. DESCRIPTORS: *Sulfamic acids, Synthesis, *Ammo- nia, Sulfur compounds, Oxides, Exchange reactions, Chemical reactions. 470-51842 (Chemistry--Physical, TT, v. 7, no. 3)	I. Uchida, S. II. Ito, Y. III. Title: Study ... IV. ATS-40N54J V. Associated Technical Services, Inc., East Orange, N. J. 187427 Office of Technical Services

Uchida, S., Ito, Y., and Kobayashi, E. PROPERTIES OF THE PRODUCTS OF ANHYDROUS REACTIONS BETWEEN AMMONIA AND SULFUR TRIOXIDE AND THEIR DERIVATIVES, PTS. 2-3. [1961] 9p. Order from ATS \$11.65 Trans. of [Nihon] Kagaku Zasshi (Japan) 1954, v. 75, no. 7, p. 741-746. DESCRIPTORS: *Ammonia, *Sulfur compounds, *Oxides. 471-55-8174 (Chemistry--Physical, TT, v. 7, no. 2)	61-25454 I. Uchida, S. II. Ito, Y. III. Kobayashi, E. IV. ATS-47N54] V. Associated Technical Services, Inc., East Orange, N. J. 185305 Office of Technical Services
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61-25625

Uchida, S., Ito, Y., and Kobayashi, E.
SULFURIC ACID TREATMENT OF THE REACTION
PRODUCT OF NH_3 WITH SO_3 FOR THE PREPARA-
TION OF SULFAMIC ACID. Pt. 5 of Study of the
Anhydrous Reaction Between Ammonia and Sulfur
Trioxide. [1961] 6p.
Order from ATS \$9.50

ATS-42N54]

Trans. of Kogyo Kagaku Zasshi (Japan) 1954, v. 57,
no. 1, p. 18-20.

DESCRIPTORS: *Sulfuric acid, *Ammonia, Sulfur
compounds, Oxides, *Sulfamic acids, Preparation,
Reaction kinetics.

ATS-JJ-3166

(Chemistry--Physical, TT, v. 7, no. 2)

- I. Uchida, S.
- II. Ito, Y.
- III. Kobayashi, E.
- IV. Title: Study...
- V. ATS-42N54]
- VI. Associated Technical
Services, Inc.,
East Orange, N. J.

185311

Office of Technical Services

Uchida, S., Ito, Y., and Masuda, E.
VAPOR-PHASE REACTION BETWEEN AMMONIA
AND CONVERTER GAS FROM CONTACT TYPE
SULFURIC ACID MANUFACTURE. Pt. 4 of Anhydrous
Reaction Between Ammonia and Sulfur Trioxide. [1961]
8p.

Order from ATS \$13.60

ATS-66N54J

Trans. of Tokyo Kogyo Shikensho Hokoku (Japan) 1952,
v. 47, p. 264-269.

DESCRIPTORS: *Ammonia, *Sulfur compounds,
Sulfuric acid, Acids.

ATS-JJ-3165

(Chemistry--Physical, TT, v. 7, no. 2)

61-25705

- I. Uchida, S.
- II. Ito, Y.
- III. Masuda, E.
- IV. Title: Anhydrous...
- V. ATS-66N54J
- VI. Associated Technical
Services, Inc.,
East Orange, N. J.

185539

Office of Technical Services

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